

ABSTRACT

A vehicle management system is disclosed that can  
5 eliminate user dissatisfaction with toll collection at  
a time of traffic congestion and improve driving safety.  
In this system, when a vehicle (101) with an on-board  
communication terminal apparatus (102) passes through  
gates (103, 106) provided at the entrance and exit of  
10 a toll road and gates (104, 105) provided at the entrance  
and exit of a service area (parking area), the times of  
passage of the vehicle (101) through the gates are detected  
by detection apparatuses (107 through 110) installed at  
the gates, and a central control apparatus (111)  
15 calculates a toll according to the time during which the  
toll road is used excluding time spent at the service  
area, and the distance traveled on the toll road, based  
on the times of passage through the gates.